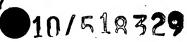
Rec'd PGT/PTO 1 5 DEC 2004

PATENT COOPERATION TREATY





INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION	see Notification o (Form PCT/ISA/2)	f Transmittal of Interna 20) as weil as, where	ational Search Report applicable, item 5 below.
07 40814	International filing date (da	av/month/wear)	(Farliest) Priority D	ate (day/month/year)
International application No.	international ming care (or	·	(Callod) Friend D	aw (aay,iiioila vyoaa)
PCT/EP 02/05722	24/05/20	02		
Applicant				
NOKIA CORPORATION				
This international Search Report has bee according to Article 18. A copy is being to	n prepared by this internation ansmitted to the international	nal Searching Auth i Bureau.	ority and is transmitte	d to the applicant
This international Search Report consists [X] It is also accompanied by	of a total of3 a copy of each prior art doc	sheets. ument cited in this	report.	
Basis of the report				
With regard to the language, the language in which it was filed, unit	international search was car ess otherwise indicated und	ried out on the bas er this item.	is of the international	application in the
the international search w Authority (Rule 23.1(b)).	as carried out on the basis (of a translation of th	ne International applica	ation furnished to this
b. With regard to any nucleotide an was carried out on the basis of the		disclosed in the in	temational application	, the international search
contained in the internation	nal application in written for	m. ·		
filed together with the Inte	mational application in com	puter readable form	n.	
furnished subsequently to	this Authority in written form	n.		
furnished subsequently to	this Authority in computer r	eadble form.		•
	esequently furnished written a filed has been furnished.	sequence listing d	oes not go beyond the	disclosure in the
the statement that the infe furnished	ermation recorded in compu	ter readable form is	s identical to the writte	n sequence listing has been
2. Certain claims were fou	nd unsearchable (See Box	Ŋ.		
3. Unity of invention is lac		• =		
4. With regard to the title,				
X the text is approved as su	bmitted by the applicant.			,
the text has been establis	hed by this Authority to read	i as follows:		
5. With regard to the abstract,	harthad by the coellage			
the text is approved as su the text has been establis within one month from the	ibmitted by the applicant. hed, according to Rule 38.2 a date of mailing of this Inter	(b), by this Authoric	ty as it appears in Box ort, submit comments	till. The applicant may, to this Authority.
6. The figure of the drawings to be pub			3	
as suggested by the appl		y	i i	None of the figures.
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because the applicant fail			•	
Decause this light e better	characterizes the invention	•		

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INTERNATIONAL SEARCH REPORT

International Application No EP 02/05722

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

T. C.

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L H03F H03L H03G H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance.	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
"E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive stap when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person sidled in the art. *& document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the International search report			
20 May 2003	27/05/2003			
Name and mailing address of the ISA	Authorized officer			
European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fer. (-31-70) 340-3918	Aouichi, M			

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